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PATENT

Patent App. Ser. No. 10/562,083

The Eclipse Group Docket No. HI09037USU (P01040US)

AMENDMENTSTO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) A method comprising:

receiving a first set of data by a first navigation device, the first set of data including first criteria for selecting a rendezvous position;

receiving a second set of data from a second navigation device by the first navigation device, the second set of data including data representing a current position of the second navigation device and second criteria for selecting a rendezvous position;

identifying a rendezvous position based on the first criteria and the second criteria, where the rendezvous position is used for establishing a first route for the first navigation device to the rendezvous position and for establishing a second route for the second navigation device to the rendezvous position;

notifying the first navigation device when the identified rendezvous position and the first route violates the first criteria; and

notifying the second navigation device when the identified rendezvous position and the second route violates the second criteria.

2. (currently amended) The method of claim 1 further comprising:

calculating first positional data in the first navigational device on the basis of the first set of data and the second set of data so as to specify the first route; and

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transmitting a third set of data from the first navigation device to the second navigation device, the third set of data representing at least a portion of the calculated first positional data.

3. (previously presented) The method of claim 1 further comprising transmitting a request signal from the first navigation device to the second navigation device to initiate transmission of the second set of data.

4. (previously presented) The method of claim 3 further comprising transmitting a confirmation signal by the second navigation device to acknowledge data communication with the first navigation device.

5. (currently amended) The method of claim 1 where the first criteria and the second criteria comprise [[a]]a minimum travel distance, a minimum time, use/avoidance of certain roads/freeways/bridges/tunnels, or intermediate destinations.

6. (previously presented) The method of claim 2 further comprising calculating second positional data in the second navigation device on the basis of the current position of the second navigation device and the third set of data.

7. (previously presented) The method of claim 6 where the first positional data and the second positional data are calculated on the basis of an estimated average speed of the first navigation device and the second navigation device.

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8. (previously presented) The method of claim 1 further comprising receiving an updated version of the second set of data and calculating the first positional data on the basis of the updated second set of data.

9.-11. (canceled).

12. (previously presented) The method of claim 1 further comprising receiving further information regarding the identified rendezvous point based on prior identification of the identified rendezvous point, where the further information comprises a quality of the identified rendezvous point.

13. (currently amended) A navigation device comprising:
a first receiving section configured to receive and decode a first signal indicating a current position of the navigation device,
a second receiving section configured to receive and decode a confirmation signal for communication with an external device,
a request signal requesting communication with [[an]]the external device and external positional data via a communications network,
a calculation unit configured to calculate, upon receipt of the confirmation signal by the second receiving section, a rendezvous position for the first navigation device and the external device based on the first signal and the external positionpositional data, where the rendezvous position is provided to the navigation device for approval; and

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a transmission section configured to encode the rendezvous position in an output signal transmitted via the communications network to the external device when the rendezvous position is approved, where the rendezvous position is recalculated when the rendezvous position is not approved.

14. (previously presented) The navigation device of claim 13 where the second receiving section and the transmission section each comprise an interface for wireless communication with external devices according to a specified data communications standard.

15. (previously presented) The navigation device of claim 14 where the second receiving section and the transmission section each comprise an interface to a mobile phone.

16. (previously presented) The navigation device of claim 13 where the second receiving section and the transmission section comprise a high frequency demodulator and a high frequency modulator, respectively, so as to receive the confirmation signal and transmit the request signal, respectively.

17. (currently amended) The navigation device of claim 13 where the calculation unit is configured to calculate the positional data on the basis of geographical data representing a road map.

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18. (previously presented) The navigation device of claim 13 further comprising a user interface configured to report the receipt of the request signal to a user, and to initiate the transmission of the confirmation signal upon user request.

19. (currently amended) A navigation system comprising a first and a second navigation device according to claim 18, the system further comprising a host unit configured to receive positional data from the first and the second navigation devices, calculate first and second proposed positional data for the first and second navigation devices, respectively, and to communicate the first proposed positional data to the first navigation device and the second proposed positional data to the second navigation device to coordinate a route of the first and second navigation devices.

20. (currently amended) The navigation system of claim 19 where the host unit is implemented in at least one of the first [[or]]and the second navigation ~~device~~devices and where at least one of the first [[or]]and second navigation device comprising the host unit further includes an activation means to activate the host unit upon user request.

21. (previously presented) The navigation system of claim 19 where the host unit is connected to a network service provider.